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# Hogs and Pigs



1,9 EC742PI United States Department of Agriculture

Washington, D.C.

Released June 30, 1992, by the Agricultural Statistics Board. Estimates refer to June 1 and March-May 1992.

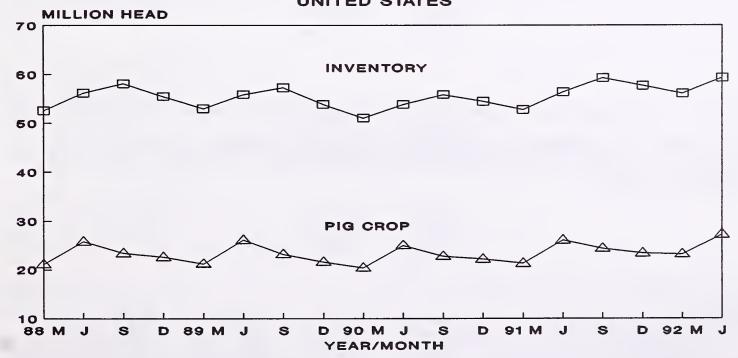
#### U.S. Hog Inventory Up 5 Percent

**U.S. inventory** of all hogs and pigs on June 1, 1992, was 59.3 million head. This was 5 percent above last year and 10 percent above June 1, 1990.

Breeding inventory, at 7.60 million head, was 1 percent above last year and 7 percent above two years ago. Market hog inventory, at 51.7 million head, was 6 percent above a year ago and 10 percent above June 1, 1990.

The December 1991-May 1992 U.S. pig crop was 50.4 million head, 6 percent more than last year and 11 percent above the same period two years ago. Sows farrowing during the six month period totaled 6.26 million, up 4 percent from last year and 9 percent above the same period in 1990. Pigs saved per litter was 8.05, a new record high for the period, compared with 7.92 last year and 7.89 two years ago. The March-May U.S. pig crop was 27.2 million head, 4 percent above a year earlier.

# JUNE 1 INVENTORY & PIG CROP



An index is located at the end of the report. For information, call Hubert Hamer (202) 720-3106. Office hours are 8:00 a.m. to 4:30 p.m. ET.

U.S. hog producers intend to have 6.18 million sows farrow during the June-November period, a 2 percent increase from the actual sows farrowed during the same period in 1991 and 8 percent above two years ago. Farrowings for June-August are expected to be up 1 percent from last year and September-November farrowings are expected to be 3 percent above a year earlier.

#### 16 State Inventory Increases 6 Percent

Inventory on hand June 1 in the 16 quarterly States totaled 54.1 million head, up 6 percent from last year and 10 percent above June 1, 1990. The 16 states accounted for about 91 percent of the total U.S. hog and pig inventory.

The December-May pig crop in the 16 States was 45.9 million head, 6 percent above last year and up 11 percent from 1990. The March-May pig crop totaled 24.8 million head, 4 percent higher than the past year and up 9 percent from two years ago.

Farrowing intentions in the 16 quarterly States for June-November are 5.64 million head, up 2 percent from the same period last year and 9 percent above two years ago. June-August intended farrowings, at 2.86 million head are up 1 percent from the comparable quarter in 1991. September-November intended farrowings, at 2.79 million head, are 3 percent above last year.

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- \* This report contains revised estimates for the March 1, 1992, \*

This report was approved on June 30, 1992, by the Acting Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.

Acting Secretary of Agriculture Ann Veneman Agricultural Statistics Board
Chairperson
Rich Allen

Hogs and Pigs June 1992 Agricultural Statistics Board NASS, USDA

	1990-92 0111			. 1002	
Item	1990	1991	1992	:	as % of 
	:	1,000 He	•  ad	: 1990  - Perc	
March 1 Inventory All Hogs and Pigs Kept For Breeding Market	51,150 6,806 44,344	52,760 6,992 45,768	56,130 7,145 48,985	110 105 110	106 102 107
Market Hogs and Pigs By Weight Groups: Under 60 Pounds 60-119 Pounds 120-179 Pounds 180 Pounds and Over	16,895 10,602 9,209 7,638	17,663 11,036 9,315 7,754	19,015 11,865 9,775 8,330	113 112 106 109	108 108 105 107
June 1 Inventory All Hogs and Pigs Kept for Breeding Market	53,850 7,075 46,775	56,390 7,500 48,890	59,265 7,603 51,662	110 107 110	105 101 106
Market Hogs and Pigs By Weight Groups: Under 60 Pounds 60-119 Pounds 120-179 Pounds 180 Pounds and Over	19,806 11,718 8,535 6,716	20,750 12,375 8,821 6,944	21,547 12,996 9,607 7,512	109 111 113 112	104 105 109 108
September 1 Inventory All Hogs and Pigs Kept for Breeding Market	55,940 6,815 49,125	59,250 7,260 51,990			
Market Hogs and Pigs By Weight Groups: Under 60 Pounds 60-119 Pounds 120-179 Pounds 180 Pounds and Over	18,936 12,218 10,132 7,839	20,125 12,980 10,620 8,265			
December 1 Inventory All Hogs and Pigs Kept for Breeding Market	54,477 6,870 47,607	57,684 7,254 50,430			
Market Hogs and Pigs By Weight Groups: Under 60 Pounds 60-119 Pounds 120-179 Pounds 180 Pounds and Over	17,866 12,206 9,641 7,894	18,678 12,969 10,382 8,402			

Farrowings: Number of Sows, Pig Crop, and Pigs per Litter, 1990-92, United States

Item	: : : 1990	: : 1991	: : : 1992	:	1992 as	% of
ı ceni	: 1990	: 1991	: 1992	:	1990 :	1991
	:	- 1,000 Hea	.d		Percen	it
Sows Farrowing: Dec <u>1</u> /-Feb Mar-May Dec <u>1</u> /-May	: 2,602 : 3,143 : 5,745	3,285	2,892 3,364 6,256		111 107 109	107 102 104
Jun-Aug Sept-Nov Jun-Nov	: 2,879 : 2,838 : 5,717	2,969	2/3,136 2/3,045 2/6,181		109 107 108	101 103 102
Pig Crop: Dec <u>1</u> /-Feb Mar-May Dec <u>1</u> /-May	: 20,362 : 24,959 : 45,321	26,142	23,202 27,159 50,361		114 109 111	109 104 106
Jun-Aug Sept-Nov Jun-Nov	: 22,745 : 22,194 : 44,939	23,427				
Pigs per Litter: Dec <u>1</u> /-Feb Mar-May Dec <u>1</u> /-May	: : 7.83 : 7.94 : 7.89	7.96	8.02 8.07 8.05		102 102 102	102 101 102
Jun-Aug Sept-Nov Jun-Nov	7.90 7.82 7.86	7.89				

 $<sup>\</sup>frac{1}{2}$ / December preceding year.  $\frac{2}{2}$ / Intentions.

T+	:	:	. 1002	:	1992 as	s % of
Item	: 1990 :	: 1991 :	: 1992 :	:-	1990	: 1991
	:	1,000 Head		- Perce		cent -
March 1 Inventory All Hogs and Pigs Kept for Breeding Market	: : 40,190 : 5,245 : 34,945	41,990 5,450 36,540	44,770 5,550 39,220		111 106 112	107 102 107
Market Hogs and Pigs By Weight Groups: Under 60 Pounds 60-119 Pounds 120-179 Pounds 180 Pounds and Over	: : 13,289 : 8,335 : 7,338 : 5,983	14,040 8,770 7,555 6,175	15,205 9,460 7,890 6,665		114 113 108 111	108 108 104 108
June 1 Inventory All Hogs and Pigs Kept for Breeding Market	: : 42,630 : 5,405 : 37,225	44,520 5,720 38,800	47,225 5,840 41,385		111 108 111	106 102 107
Market Hogs and Pigs By Weight Groups: Under 60 Pounds 60-119 Pounds 120-179 Pounds 180 Pounds and Over	15,680 : 9,325 : 6,845 : 5,375	16,390 9,815 7,070 5,525	17,135 10,420 7,790 6,040		109 112 114 112	105 106 110 109
September 1 Inventory All Hogs and Pigs Kept for Breeding Market	: : 44,120 : 5,300 : 38,820	46,900 5,675 41,225				
Market Hogs and Pigs By Weight Groups: Under 60 Pounds 60-119 Pounds 120-179 Pounds 180 Pounds and Over	14,880 : 9,580 : 8,190 : 6,170	15,905 10,250 8,555 6,515				
December 1 Inventory All Hogs and Pigs Kept for Breeding Market	: 42,900 : 5,257 : 37,643	45,735 5,610 40,125				
Market Hogs and Pigs By Weight Groups: Under 60 Pounds 60-119 Pounds 120-179 Pounds 180 Pounds and Over	14,105 9,693 7,600 6,245	14,855 10,325 8,255 6,690				

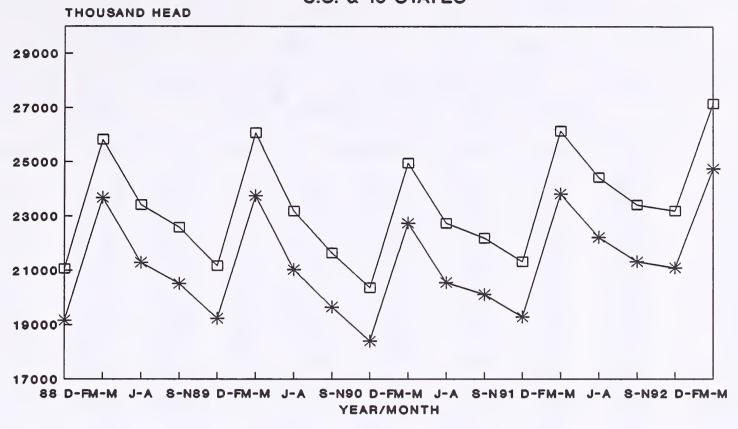
 $<sup>\</sup>underline{1}/$  GA, IL, IN, IA, KS, MN, MO, NE, NC, and OH.

Farrowings: Number of Sows, Pig Crop, and Pigs per Litter, 1990-92, 10 States  $\underline{1}/$ 

Item	: : 1990	: : 1991	- <b>-</b> : : 1992	 : :	1992 a	s % of
1 Cem	: 1550	:	:	•	1990 :	1991
	:	- 1,000 Hea	d		Per	cent
Sows Farrowing: Dec <u>2</u> /-Feb Mar-May Dec <u>2</u> /-May	2,028 2,458 4,486	2,129 2,586 4,715	2,289 2,655 4,944		113 108 110	108 103 105
Jun-Aug Sept-Nov Jun-Nov	: 2,236 : 2,238 : 4,474	2,441 2,348 4,789	3/2,482 3/2,414 3/4,896		111 108 109	102 103 102
Pig Crop: Dec <u>2</u> /-Feb Mar-May Dec <u>2</u> /-May	: : 15,870 : 19,576 : 35,446	16,770 20,632 37,402	18,475 21,504 39,979		116 110 113	110 104 107
Jun-Aug Sept-Nov Jun-Nov	: 17,684 : 17,459 : 35,143	19,278 18,551 37,829				
Pigs per Litter: Dec <u>2</u> /-Feb Mar-May Dec <u>2</u> /-May	7.83 7.96 7.90	Number 7.88 7.98 7.93	8.07 8.10 8.09		103 102 102	102 102 102
Jun-Aug Sept-Nov Jun-Nov	: 7.91 : 7.80 : 7.85	7.90 7.90 7.90				

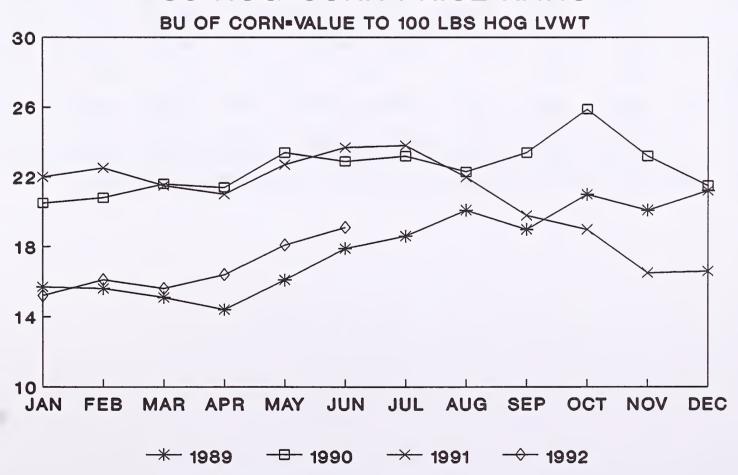
 $<sup>\</sup>frac{1}{2}$ / GA, IL, IN, IA, KS, MN, MO, NE, NC, OH.  $\frac{2}{2}$ / Dec preceding year.  $\frac{3}{2}$ / Intentions.

# PIG CROP U.S. & 16 STATES



\* 16 ST PIG CROP - US PIG CROP

### US HOG-CORN PRICE RATIO



Hogs and Pigs: Inventory Numbers, Breeding, Market and Total, March 1, 1991-92

				ilai cii I	, 1551 52				
	: B	reeding	:		Market	:		Total	
C+-+-	:	199	2 :		199		:	199	)2
State	1991	Number:	as % of: 1991 :	1991	:	as % of: 1991 :		Number:	as % of 1991
	:- 1,000	Head -	Percent	- 1,000	Head	Percent	- 1,000	Head -	Percent
GA IL IN IA KS MN MO NE NC OH	160 740 555 1,700 180 560 410 540 350 255	155 730 550 1,750 185 565 375 540 450 250	97 99 99 103 103 101 91 100 129 98	990 4,760 3,695 11,800 1,320 3,790 2,290 3,710 2,550 1,635	975 4,970 3,800 12,950 1,265 4,135 2,275 3,760 3,450 1,640	98 104 103 110 96 109 99 101 135 100	1,150 5,500 4,250 13,500 1,500 4,350 2,700 4,250 2,900 1,890	1,130 5,700 4,350 14,700 1,450 4,700 2,650 4,300 3,900 1,890	98 104 102 109 97 108 98 101 134 100
10 Sts	5,450	5,550	102	36,540	39,220	107	41,990	44,770	107
KY MI PA SD TN WI	120 180 97 245 80 170	130 180 105 245 100 165	108 100 108 100 125 97	700 920 783 1,465 440 970	760 920 825 1,585 560 985	109 100 105 108 127 102	820 1,100 880 1,710 520 1,140	890 1,100 930 1,830 660 1,150	109 100 106 107 127 101
16 Sts	: : 6,342	6,475	102	41,818	44,855	107	48,160	51,330	107
	•					105			
US	: 6,992	7,145	102	45,768	48,985	107	52,760	56,130	106

 $<sup>\</sup>underline{1}/$  Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, by Weight Groups, March 1, 1991-92

State		Under : 60-119 O Lbs. : Lbs.		:	120- Lb	179 s.	:		Lbs l Over	
	: 1991 :	1992	: 1991	: 1992	:	1991	: 1992	:	1991	: 1992
		1,000 Head								
GA IL IN IA KS MN MO NE NC	420 1,790 1,450 4,270 490 1,520 875 1,530 1,045	395 1,860 1,460 4,840 510 1,650 915 1,550 1,390	260 1,170 910 2,830 320 880 550 880 600	265 1,210 950 3,100 305 1,010 540 890 800		200 990 730 2,600 285 750 460 700 495	205 1,050 760 2,680 245 780 450 720	) ) ; ) )	110 810 605 2,100 225 640 405 600 410	110 850 630 2,330 205 695 370 600 600
OH 10 Sts	: 650 : 14,040	635 15,205	370 8,770	390 9,460		<ul><li>345</li><li>7,555</li></ul>	340 7,890		270 6,175	275 6,665
KY MI PA SD TN WI	285 300 283 620 195 380	310 305 305 630 230 380	175 220 206 350 100 215	190 220 200 380 140 235		135 210 165 275 75 200	150 210 170 320 105 200	) ) 5	105 190 129 220 70 175	110 185 150 255 85 170
16 Sts	16,103	17,365	10,036	10,825		8,615	9,045	5	7,064	7,620
Oth Sts <u>1</u> /	1,560	1,650	1,000	1,040		700	730	)	690	710
US	17,663	19,015	11,036	11,865		9,315	9,77	5	7,754	8,330

<sup>1/</sup> Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total, June 1, 1991-92

	: B	reeding	:		Market	:		Tota	1
Ctata	:	1992	2	:	199	2 :	:	199	)2
State	: 1991 :		1991 :		Number:	as % of: 1991 :	1991 :	: Number:	as % of 1991
	- 1,000	Head - P	ercent	- 1,000	Head -	Percent	- 1,000	Head -	Percent
GA IL IN IA KS MN MO NE NC OH	160 760 565 1,820 180 620 410 570 375 260	155 720 575 1,900 185 600 395 570 465 275	97 95 102 104 103 97 96 100 124 106	990 4,840 3,935 12,780 1,340 4,080 2,490 3,830 2,775 1,740	975 4,980 4,025 13,900 1,335 4,350 2,505 3,930 3,735 1,650	98 103 102 109 100 107 101 103 135 95	1,150 5,600 4,500 14,600 1,520 4,700 2,900 4,400 3,150 2,000	1,130 5,700 4,600 15,800 1,520 4,950 2,900 4,500 4,200 1,925	98 102 102 108 100 105 100 102 133 96
10 Sts	5,720	5,840	102	38,800	41,385	107	44,520	47,225	106
KY MI PA SD TN WI	125 170 100 260 105 170	125 180 103 255 100 180	100 106 103 98 95 106	705 1,130 790 1,610 545 960	745 1,120 827 1,645 540 1,020	106 99 105 102 99 106	830 1,300 890 1,870 650 1,130	870 1,300 930 1,900 640 1,200	105 100 104 102 98 106
16 Sts	6,650	6,783	102	44,540	47,282	106	51,190	54,065	106
Oth Sts <u>1</u> /	•	820	96		4,380	101	5,200		100
US :	: 7,500	7,603	101	48,890	51,662	106	56,390	59,265	105

 $<sup>\</sup>underline{1}$ / Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, by Weight Groups, June 1, 1991-92

State		der Lbs.		60-119 Lbs.		120- Lb	179 s.	:	180 Lbs and Over	
	1991 :	1992	: 1991	: 1992	:	1991	: 1992	:	1991	: 1992
				1,00	0 F	lead				
GA IL IN IA KS MN MO NE NC OH	430 1,950 1,530 5,500 510 1,690 1,170 1,670 1,140 800	420 1,970 1,590 5,800 510 1,780 1,170 1,710 1,425 760	270 1,260 1,055 3,260 325 1,050 580 960 625 430	265 1,270 1,060 3,500 330 1,120 590 980 895		190 920 760 2,250 290 760 390 690 520 300	190 970 770 2,600 285 830 420 700 745 280		100 710 590 1,770 215 580 350 510 490 210	100 770 605 2,000 210 620 325 540 670 200
10 Sts		17,135	9,815	10,420		7,070	7,790		5,525	6,040
KY MI PA SD TN WI	290 555 285 730 235 395	310 550 297 730 225 420	185 240 200 420 140 245	190 230 206 410 140 260	) ; )	130 175 171 255 95 175	140 175 182 280 100 180		100 160 134 205 75 145	105 165 142 225 75 160
16 Sts	18,880	19,667	11,245	11,856	j	8,071	8,847		6,344	6,912
0th :	: : 1,870	1,880	1,130	1,140	)	750	760		600	600
US :	20,750	21,547	12,375	12,996	; 	8,821	9,607		6,944	7,512

 $<sup>\</sup>underline{1}$ / Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total, September 1, 1990-91

	:	Breeding	:		 Market	 :		 Total	
C+ 2+ 2	:	1991			: 199	91 :		199	 91
State		: Number:				•		Number:	as % of 1990
	:- 1,000	) Head - F	Percent	- 1,000	Head	Percent	- 1,000	Head -	Percent
GA IL IN IA KS MN MO NE NC OH	: 160 : 700 : 550 : 1,660 : 180 : 580 : 400 : 490 : 320 : 260	155 770 570 1,820 175 620 375 530 410 250	97 110 104 110 97 107 94 108 128 96	990 5,000 3,950 13,040 1,370 4,220 2,350 3,710 2,380 1,810	4,130 13,980 1,295 4,430 2,375 3,920 2,990	97 109 105 107 95 105 101 106 126 94	1,150 5,700 4,500 14,700 1,550 4,800 2,750 4,200 2,700 2,070	6,200 4,700 15,800 1,470 5,050 2,750 4,450 3,400	97 109 104 107 95 105 100 106 126 95
10 Sts	: : 5,300	5,675	107	38,820	41,225	106	44,120	46,900	106
KY MI PA SD TN WI	: 135 : 165 : 105 : 240 : 105 : 165	140 175 110 255 95 170	104 106 105 106 90 103	765 1,165 845 1,520 545 965	1,175 830 1,665 575	99 101 98 110 106 104	900 1,330 950 1,760 650 1,130	940 1,920 670	100 102 99 109 103 104
16 Sts	: : 6,215	6,620	107	44,625	47,230	106	50,840	53,850	106
0th Sts <u>1</u> /	: : 600	640	107	4,500	4,760	106	5,100	5,400	106
US	: 6,815	7,260	107	49,125	51,990	106	55,940	59,250	106

 $<sup>\</sup>underline{1}$ / Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, by Weight Groups, September 1, 1990-91

State	Und 60 L		: 60- : Lb			-179 bs.		Lbs Over
	1990 :	1991	: 1990	: 1991	: 1990	: 1991	: 1990	: 1991
				1,00	0 Head			
GA IL IN IA KS MN MO NE NC OH	420 1,810 1,480 4,700 510 1,730 990 1,540 980 720	390 2,070 1,515 5,000 475 1,870 985 1,660 1,255 685	260 1,260 980 3,350 325 1,020 540 840 560 445	250 1,320 1,040 3,700 315 1,080 545 890 670 440	1,070 880 2,900 300 820 430 750 465	195 1,110 925 3,030 285 820 460 770 580 380	125 860 610 2,090 235 650 390 580 375 255	130 930 650 2,250 220 660 385 600 485 205
10 Sts	14,880	15,905	9,580	10,250	8,190	8,555	6,170	6,515
KY MI PA SD TN WI	310 400 305 620 240 381	320 410 305 675 225 395	205 360 210 385 125 253	200 360 210 415 145 260	230 180 305 100	140 230 175 340 120 190	105 175 150 210 80 149	100 175 140 235 85 155
16 Sts	17,136	18,235	11,118	11,840	9,332	9,750	7,039	7,405
0th Sts <u>1</u> /	1,800	1,890	1,100	1,140	800	870	800	860
US	: : 18,936	20,125	12,218	12,980	10,132	10,620	7,839	8,265

 $<sup>\</sup>underline{1}$ / Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total, December 1, 1990-91

•	: B	reeding			Market		:	Total		
Ctata	:	1991			: 1		:	: 19	91	
State :	1990 :	:a: Number:			:	:as % of er: 1990	: 1990	: : :: :Number:	as % of 1990	
:	- 1,000	Head - Pe	ercent	- 1,00	00 Head	- Percent	- 1,000	Head -	Percent	
GA IL IN IA KS MN MO NE NC OH	160 710 540 1,600 170 560 405 530 330 252	160 740 555 1,800 170 590 380 550 440 225	100 104 103 113 100 105 94 104 133 89	940 4,990 3,860 12,200 1,330 3,940 2,395 3,770 2,470 1,748	97 5,16 4,04 13,20 1,26 4,31 2,32 3,95 3,21 1,70	103 105 105 108 109 109 109 105 105	1,100 5,700 4,400 13,800 1,500 4,500 2,800 4,300 2,800 2,000	15,000 1,430 4,900 2,700 4,500	104 105 109 95 109 96 105 130	
10 Sts :			107	37,643	·		42,900	•		
KY MI PA SD TN WI	130 170 100 245 90 175	135 175 100 260 90 170	104 103 100 106 100 97	790 1,080 820 1,525 530 1,025	81 1,12 82 1,69 58 1,01	5 104 0 100 0 111 0 109	920 1,250 920 1,770 620 1,200	950 1,300 920 1,950 670 1,180	104 100 110 108	
16 Sts :	6,167	6,540	106	43,413	46,16	55 106	49,580	52,705	106	
Oth Sts <u>1</u> /	703	714	102	4,194	4,26	55 102	4,897	4,979	102	
US :	6,870	7,254	106	47,607	50,43	106	54,477	57,684	106	

 $<sup>\</sup>underline{1}$ / Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, by Weight Groups, December 1, 1990-91

State:	: Under : 60 Lbs. :		119	:	120-17 Lbs.		:	180 I and (		
	1990 :	1991	: 1990	: 1991	: 19	90 :	1991	:	1990 :	1991
•				1,00	00 Head					
GA IL IN IA KS MN MO NE NC OH	385 1,840 1,340 4,400 500 1,480 985 1,460 1,055 660	415 1,900 1,380 4,570 450 1,630 935 1,560 1,375 640	255 1,180 1,055 3,270 350 1,020 600 960 565 438	260 1,240 1,110 3,550 335 1,100 565 1,000 730 435	1,	185 070 820 450 265 810 455 740 455 350	180 1,100 860 2,840 260 860 440 770 600 345		115 900 645 2,080 215 630 355 610 395 300	115 920 695 2,240 215 720 380 620 505 280
: 10 Sts :	14,105	14,855	9,693	10,325		600	8,255		6,245	6,690
KY MI PA SD TN WI	306 330 287 610 210 375	320 350 280 670 225 355	198 250 215 380 130 265	210 260 216 435 150 260		156 255 177 300 110 210	155 275 180 325 115 215		130 245 141 235 80 175	130 240 144 260 90 180
16 Sts :	16,223	17,055	11,131	11,856	8,	808	9,520		7,251	7,734
0th Sts <u>1</u> /:	1,643	1,623	1,075	1,113		833	862		643	668
US :	17,866	18,678	12,206	12,969	9,	641	10,382		7,894	8,402

 $<sup>\</sup>underline{1}$ / Individual State estimates not available for the 34 other States.

Number of Sows, Pigs Per Litter and Pig Crop, December  $\underline{1}/$  - February 1991-92 Farrowings:

	: Sow	s Farrowin	g :	 Pigs		Pig Crop <u>2</u> /			
State		: 199	2 :	Per Lit		, —————· ,	: 1992		
State	: 1991	: Number :	as % of: 1991 :		1992	1991	Number	:as % of : 1991	
	: - 1,00	0 Head –	Percent	Numb	er	- 1,000	Head	Percent	
GA II IN IA KS MN MO NE NC OH	60 270 230 650 74 230 140 220 165 90	58 280 230 730 76 250 145 220 210 90	97 104 100 112 103 109 104 100 127 100	8.00 7.60 7.85 7.75 7.90 8.10 7.70 8.00 8.25 8.30	7.45 7.90 8.10 8.10 8.00 8.20 7.80 8.10 8.40 8.00	480 2,052 1,806 5,038 585 1,863 1,078 1,760 1,361 747	2,212 1,863 5,913 608	90 108 103 117 104 110 105 101 130 96	
10 Sts	2,129	2,289	108	7.88	8.07	16,770	18,475	110	
KY MI PA SD TN WI	46 45 38 91 33 63	50 47 40 95 36 65	109 104 105 104 109 103	7.70 7.90 8.20 8.10 7.60 7.95	7.64 8.00 8.40 7.90 7.80 7.70	354 356 312 737 251 501	382 376 336 751 281 501	108 106 108 102 112 100	
16 Sts	2,445	2,622	107	7.89	8.05	19,281	21,102	109	
0th Sts <u>3</u> /	: 266	270	102	7.68	7.78	2,044	2,100	103	
US	: : 2,711	2,892	107	7.87	8.02	21,325	23,202	109	

 $<sup>\</sup>frac{1}{2}$  December preceding year.  $\frac{2}{2}$  Number of pigs born Dec-Feb, were on hand Mar 1, or had been sold.  $\frac{3}{2}$  Individual state estimates not available for 34 States.

Farrowings: Number of Sows, Pigs Per Litter and Pig Crop, March - May 1991-92

				1145 15	J1 J2				
	: Sows Farrowing :			Pigs		: Pig Crop <u>1</u> /			
State	•	: 19	92 :	Per Litter :		:	: 1992		
30400	: 1991 :	: : Number	:as % of: : 1991 :	1991	: : 1992	1991	: : Number	:as % of : 1991	
	: - 1,000	Head	Percent	Numl	oer	- 1,000	Head	Percent	
GA IL IN IA KS MN MO NE NC OH	: 64 : 340 : 255 : 850 : 77 : 270 : 185 : 250 : 180 : 115	61 340 260 890 79 275 175 250 215 110	95 100 102 105 103 102 95 100 119 96	7.75 7.60 8.10 7.95 7.90 8.25 7.60 7.95 8.70 8.10	7.85 7.75 8.15 8.10 8.10 8.30 7.85 8.10 8.55 8.20	496 2,584 2,066 6,758 608 2,228 1,406 1,988 1,566 932	479 2,635 2,119 7,209 640 2,283 1,374 2,025 1,838 902	97 102 103 107 105 102 98 102 117	
10 Sts	: : 2,586	2,655	103	7.98	8.10	20,632	21,504	104	
KY MI PA SD TN WI	47 83 40 126 40 68	49 89 41 120 37 73	104 107 103 95 93 107	7.75 7.90 8.40 8.00 7.50 7.85	7.90 8.10 8.30 8.00 7.60 7.75	364 656 336 1,008 300 534	387 721 340 960 281 566	106 110 101 95 94 106	
16 Sts	2,990	3,064	102	7.97	8.08	23,830	24,759	104	
	: : 295		102		8.00			104	
US	: 3,285	3,364	102	7.96	8.07	26,142	27,159 	104	

<sup>1/2</sup> Number of pigs born Mar-May, were on hand Jun 1, or had been sold. 1/2 Individual State estimates not available for 34 States.

Farrowings: Number of Sows, Pigs per Litter and Pig Crop, June - August 1990-92

	 :	Sows Far	:	 Pigs		Pig Crop <u>1</u> /			
State		:	199	2 <u>2</u> /			 :	199	1
state .	1990			:as % of: : 1991 :				Number:	
:	1,	000 Head		Percent		- 1,000	Head		Percent
GA IL IN IA KS MN MO NE NC OH	58 300 230 710 77 250 150 205 150 106	57 330 245 800 74 270 155 220 190 100	56 310 245 820 76 265 150 225 230 105	98 94 100 103 103 98 97 102 121 105	7.90 7.70 8.05 7.90 7.95 8.00 7.50 8.00 8.20 8.00	7.65 7.80 7.85 7.70 7.85 8.20 7.45 8.10 8.70 8.00	458 2,310 1,852 5,609 612 2,000 1,125 1,640 1,230 848	2,574 1,923 6,160 581 2,214 1,155	95 111 104 110 95 111 103 109 134 94
10 Sts	2,236	2,441	2,482	102	7.91	7.90	17,684	19,278	109
KY MI PA SD TN WI	50 74 42 98 40 65	50 72 39 108 40 67	51 75 41 97 40 70	102 104 105 90 100 104	7.60 7.65 7.80 7.95 7.80 7.80	7.85 7.80 8.20 7.95 7.20 7.80	380 566 328 779 312 507	393 562 320 859 288 523	103 99 98 110 92 103
16 Sts	2,605	2,817	2,856	101	7.89	7.89	20,556	22,223	108
Oth Sts <u>3</u> /:	274	280	280	100	7.99	7.89	2,189	2,209	101
US :	2,879	3,097	3,136	101	7.90	7.89	22,745	24,432	107

 $<sup>\</sup>frac{1}{2}$  Number of pigs born Jun-Aug, were on hand Sept 1, or had been sold.  $\frac{2}{2}$  Intentions. Individual State estimates not available for 34 States.

Farrowings: Number of Sows, Pigs Per Litter and Pig Crop, September - November 1990-92

	: Sows Farrowing :					:	 : P	Pig Crop <u>1</u> /		
State :	:	:	1992	<u>2</u> / :	Per L	gs itter : 	:	199	)1	
	1990 :	1991 :	: Number:	as % of: 1991 :	1990	1991	1990	Number	as % of 1990	
•	1,0	000 Head		Percent		1,00	00 Head -		Percent	
GA IL IN IA KS MN MO NE NC OH	55 310 220 700 74 225 175 220 160 99	60 320 230 740 73 245 155 230 205 90	58 310 235 760 76 245 160 230 240 100	97 97 102 103 104 100 103 100 117	7.70 7.55 8.00 7.70 7.90 8.20 7.20 7.90 8.40 7.80	7.65 7.70 7.90 7.65 7.81 8.25 7.80 8.00 8.60 8.30	424 2,341 1,760 5,390 585 1,845 1,260 1,738 1,344 772	2,464 1,817 5,661 570 2,021 1,209 1,840	108 105 103 105 97 110 96 106 131	
10 Sts	2,238	2,348	2,414	103	7.80	7.90	17,459	18,551	106	
KY MI PA SD TN WI	47 52 40 100 34 63	51 58 39 110 38 60	52 62 40 112 40 65	102 107 103 102 105 108	7.90 8.10 8.10 7.85 7.70 7.80	7.61 7.70 8.30 7.95 7.70 7.55	371 421 324 785 262 491	388 447 324 875 293 453	105 106 100 111 112 92	
16 Sts :	2,574	2,704	2,785	103	7.81	7.89	20,113	21,331	106	
Oth Sts <u>3</u> /:	264	265	260	98	7.88	7.91	2,081	2,096	101	
US :	2,838	2,969	3,045	103	7.82	7.89	22,194	23,427	106	

 $<sup>\</sup>underline{1}/$  Number of pigs born Sept-Nov, were on hand Dec 1, or had been sold.  $\underline{2}/$  Intentions.  $\underline{3}/$  Individual State estimates not available for 34 States.

#### Reliability of June 1 Hogs and Pigs Estimates

Survey Procedures: A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 94,412 operators during the first half of June by mail, telephone, and face-to-face personal interviews. Regardless of when operators responded, they were asked to report inventories as of June 1.

Estimation Procedures: These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous quarter are subject to revision when current estimates are made. In June, estimates for the previous March and December are reviewed and in December, estimates for all quarters of the previous two years are reviewed. The reviews are primarily based on hog check-off receipts and hog slaughter. Estimates will also be reviewed after data from the Department of Commerce's five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 16 quarters is 0.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 59.3 million head by more than 0.9 percent, or about 533,000 head. Chances are 9 out of 10 that the difference will not exceed 1.6 percent, or about 948,000 head (the 90 percent confidence level).

Item	Root :			Differer First Est	Number of Quarters			
Ttelli	Square : Error :			: Average: Sr :	mallest:L	argest:	First : Above : Final :	Below
	: - Perc	ent -		1,000	Head		- Num	ber -
All Hogs & Pigs	0.9	1.6	948	-45	20	-1130	9	7
Pig Crop	1.3	2.3	625	64	17	-562	6	10
Expected Farrowings	•							
Next Quarter	3.2	5.6	176	-0	-8	164	10	6
Following Quarter	: : : 4.0	7.1	216	12	-2	214	9	7

 $<sup>\</sup>underline{1}/$  Based on quarterly data from June 1988 through March 1992.  $\underline{2}/$  Records for the past 12 quarters.

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